Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. (canceled)

5. (currently amended) A method of producing adenovirus, comprising:

a) culturing host cells at a temperature below a physiological optimum for promoting host cell growth;

b) infecting the host cells with an adenovirus, resulting in adenovirus-infected host cells;

c) culturing the adenovirus-infected host cells at or near a physiologically optimum temperature for producing adenovirus, wherein the culture temperature is above the culture temperature in step a);

d) harvesting ~~virus~~ adenovirus and/or cells containing ~~virus~~ adenovirus from the culture; and,

e) purifying ~~virus~~ adenovirus away from host cell and culture contaminants, resulting in a purified ~~virus~~ adenovirus product.

6. (currently amended) A method of producing adenovirus, comprising:

a) inoculating and culturing host cells in an appropriate medium at a temperature at or near a physiological optimum for host cell growth;

b) shifting the temperature of the host cell culture of step a) to a temperature below a physiological optimum for host cell growth;

c) infecting the host cells of step b) with ~~a~~ an adenovirus, resulting in adenovirus-infected host cells;

d) culturing the adenovirus-infected host cells at or near a physiologically optimum temperature for producing adenovirus, wherein the culture temperature is above the culture temperature in step a);

~~d)~~ e) harvesting ~~virus~~ adenovirus and/or cells containing ~~virus~~ adenovirus from the culture; and,

~~e)~~ f) purifying ~~virus~~ adenovirus away from host cell and culture contaminants, resulting in a purified ~~virus~~ adenovirus product.

7. (original) A method according to claim 6 wherein the culture temperature in step b) is lowered to a temperature below a physiological optimum for up to the entire cell passages prior to infecting the host cells with the adenovirus.

8. (original) A method according to claim 6 wherein the culture temperature in step b) is lowered to a temperature below a physiological optimum for at least 24 hours prior to infecting the host cells with the adenovirus.

9. (currently amended) A method according to claim 6 wherein the temperature for cell growth in step b) is from ~~between~~ 31°C ~~and~~ to 34°C.

10. (currently amended) A method according to claim 7 wherein the temperature for cell growth in step b) is from ~~between~~ 31°C ~~and~~ to 34°C.

11. (currently amended) A method according to claim 8 wherein the temperature for cell growth in step b) is from ~~between~~ 31°C ~~and~~ to 34°C.

12. (currently amended) A method according to claim 7 wherein the temperature for cell growth in step a) is from ~~between~~ 35°C ~~and~~ to 38°C and the temperature for cell growth in step b) is from ~~between~~ 31°C ~~and~~ to 34°C.

13. (currently amended) A method according to claim 8 wherein the temperature for cell growth in step a) is from ~~between~~ 35°C ~~and~~ to 38°C and the temperature for cell growth in step b) is from ~~between~~ 31°C ~~and~~ to 34°C.

14. (currently amended) A method according to claim 7 wherein the temperature for cell growth in step a) is from ~~between~~ 35°C ~~and~~ to 38°C and the temperature for cell growth in step b) is from ~~between~~ 31°C ~~and~~ to 34°C and the temperature for growth of infected host cells of step c) is from about 36°C ~~and~~ to 38°C.

15. (currently amended) A method according to claim 8 wherein the temperature for cell growth in step a) is from ~~between~~ 35°C ~~and~~ to 38°C and the temperature for cell growth in step

b) is from ~~between~~ 31°C ~~and~~ to 34°C and the temperature for growth of infected host cells of step

c) is from about 35°C ~~and~~ to 38°C.